

INTERNATIONAL SEARCH REPORT

International Application No
PCT/RU2004/000037

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L25/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 293 401 A (SERFATY SALOMON) 8 March 1994 (1994-03-08) abstract column 1, line 55 - line 64 column 3, line 50 - column 4, line 10 claim 1	1,8,15
A	----- -/--	2-7, 9-14, 16-21

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

29 November 2004

Date of mailing of the international search report

17/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/147476 A1 (KOBAYASHI HISASHI ET AL) 7 August 2003 (2003-08-07) abstract paragraph '0006! paragraph '0071! paragraph '0084!	1,8,15
A		2-7, 9-14, 16-21
A	----- US 2003/223517 A1 (NERAYANURU SREENIVASA M ET AL) 4 December 2003 (2003-12-04) abstract paragraph '0002! paragraph '0004! - paragraph '0005! paragraph '0007! paragraph '0014! paragraph '0031!	1-21
A	----- EP 1 376 963 A (NTT DOCOMO INC) 2 January 2004 (2004-01-02) abstract paragraph '0002! paragraph '0004! paragraph '0007! - paragraph '0008!	1-21
A	----- US 2003/003880 A1 (LING FUYUN ET AL) 2 January 2003 (2003-01-02) paragraph '0078! paragraph '0081! paragraph '0097! - paragraph '0098! -----	7,12-14, 19

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/RU2004/000037

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5293401	A	08-03-1994	GB 2247812 A JP 2697405 B2 JP 4281614 A	11-03-1992 14-01-1998 07-10-1992
US 2003147476	A1	07-08-2003	JP 2004159277 A	03-06-2004
US 2003223517	A1	04-12-2003	CA 2471626 A1 WO 03103245 A1	11-12-2003 11-12-2003
EP 1376963	A	02-01-2004	JP 2004023763 A CN 1469655 A EP 1376963 A2 US 2003236074 A1	22-01-2004 21-01-2004 02-01-2004 25-12-2003
US 2003003880	A1	02-01-2003	US 2002191703 A1 EP 1371147 A2 WO 02078211 A2 US 2004165558 A1	19-12-2002 17-12-2003 03-10-2002 26-08-2004